

**To:** Deschambault, Lynda[Deschambault.Lynda@epa.gov]  
**Cc:** Greg Reller (gr@burlesonconsulting.com)[gr@burlesonconsulting.com]; Koger, Cory S SPK (Cory.S.Koger@usace.army.mil)[Cory.S.Koger@usace.army.mil]; Black, Ned[Black.Ned@epa.gov]  
**From:** Brown, Anthony R (RM)  
**Sent:** Thur 5/11/2017 10:37:39 PM  
**Subject:** Start-up of Conveyance System and HDS Treatment Plant Discharge to Leviathan Creek

Hi Lynda, FYI see below – more updates to follow ASAP... Tony...

**From:** Abby Cazier [mailto:abby.cazier@copperenv.com]  
**Sent:** Thursday, May 11, 2017 3:17 PM  
**To:** Brown, Anthony R (RM); philthompson705@gmail.com; Johnson, Mike (COPPER ENVIRONMENTAL CONSULTING); Boucher, Jeremy (Broadbent & Associates, Inc.); Vetrano, Bryan (Broadbent & Associates, Inc.)  
**Cc:** 'Andy Slavik'; Olson, Eric (COPPER ENVIRONMENTAL CONSULTING); 'Matt Esquibel'  
**Subject:** LMS - Start-up of Conveyance System and HDS Treatment Plant Discharge to Leviathan Creek

Hi Everyone,

We were successfully able to start-up the conveyance system today. Capture of Delta Seep and CUD began at 1137 and 1154, respectively. The flow rates at CUD and DS measured on 5/10/17 were:

- CUD = 41.3 gpm
- DS = 35.9 gpm
- Combine Flow = 77.2 gpm

Discharge from the HDS Treatment Plant to Leviathan Creek began at 1423 at 80 gpm once the effluent surrogate parameters stabilized.

- Total Fe = 0.03 mg/L
- Turbidity= 4.85 NTU
- pH= 8.20 s.u.

The HDS Treatment Plant influent feed flow rate will be adjusted as needed to maintain a static pond water level of 6.42' relative to the staff gauge.

Let me know if you have any questions.

Thanks,

Abby Cazier

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